

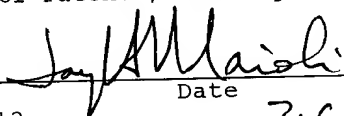


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#9

Applicants : Kunio Fukuda  
Serial No. : 09/403,312  
Filed : October 20, 1999  
For : COMMUNICATION SYSTEM, BASE STATION DEVICE,  
COMMUNICATION TERMINAL DEVICE AND  
COMMUNICATION METHOD  
Group A.U. : 2744

I hereby certify that this paper is being deposited this date with the U.S. Postal Service in first class mail addressed to: Assistant Commissioner for Patents, Washington D.C. 20231.	
 Jay H. Maioli Reg. No. 27,213	Date 7.6.00

July 6, 2000  
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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

As a means of complying with the duty of disclosure set forth in 37 C.F.R. § 1.56 and in keeping with the guidelines of 37 C.F.R. § 1.98, Applicants hereby submit information thought to be relevant to the above-identified application. Also submitted herewith is a completed form PTO-1449.

To the best of the undersigned's knowledge, a first Office Action has not yet been received in this application.

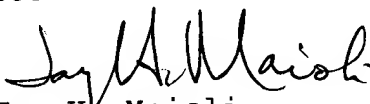
United States Patent Application 5,541,552 (Suzuki et al.) relates to a transmission system for use in communicating between a base station and a mobile station where a demodulating apparatus for use with a multiple-carrier communication system includes a timing offset and a frequency offset that can be removed with ease.

United States Patent 5,675,572 (Hidejima et al.) relates to an orthogonal frequency division multiplex modulation apparatus and orthogonal frequency division multiplex demodulation apparatus. This apparatus can transmit just one of a single side bands by a simple circuit and an orthogonal frequency division demodulation apparatus superior in the signal power to noise power ratio.

United States Patent 5,471,464 (Ikeda) relates to an orthogonal frequency division multiplex demodulation apparatus. The orthogonal frequency division multiplex modulated signal is demodulated by discrete Fourier transformation. The discrete Fourier transformation is performed using a time window of an accurate phase synchronized with the synchronization symbol and the results of the discrete Fourier transformation generate a stable time window signal.

Respectfully submitted,

COOPER & DUNHAM LLP

  
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JHM/rp  
Encl.